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München, den 28.3.56

Recd 5/6/57  
see 1353

Dear Dr. Lederberg :

I am just back in München and fixed<sup>4</sup> cultures of stable L-strains from *Proteus vulgaris*. They are between 55 und 60 transfers on medium without penicillin. (Medium: 0,3g NaCl, 0,8g  $K_2HPO_4$ , 0,15g Glucose, 0,7 g Pepton(tryptisch verdaut aus Fleisch), 0,5 g yeastextract( Cenovis= concentrated extract aus brewer-yeast, commercial), pH = 7,8 - 8,0., in 100 ml <sup>water</sup> ~~Wasser~~. Addition of 10% horse serum.)

My coworker, Dr. Zehender, tried last year already the reconversion of the stable(A) strains by adding DAP or hydrolysats from *B. cereus*, wick ist very rich in DAP. He did not write my, becaus the experiments were negativ. Even after 7 transfers on DAP was no change in the morphology. I hope, you might have more luck. Please inform me then.

With best regards,

O. Kandler